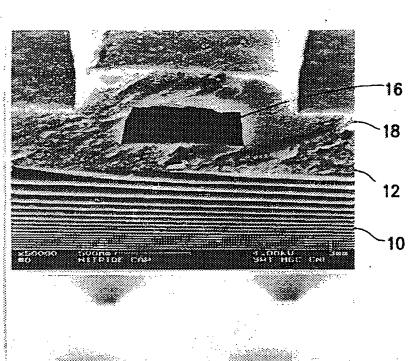


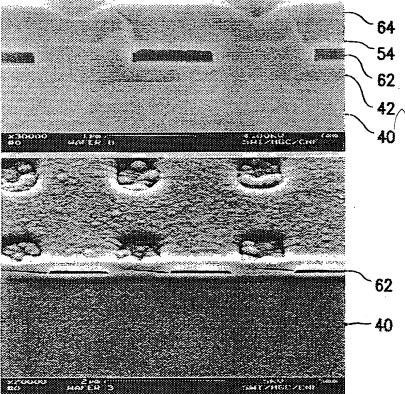
FIG. 5B

FIG. 6(a)

FIG. 6(b)

FIG. 6(c)





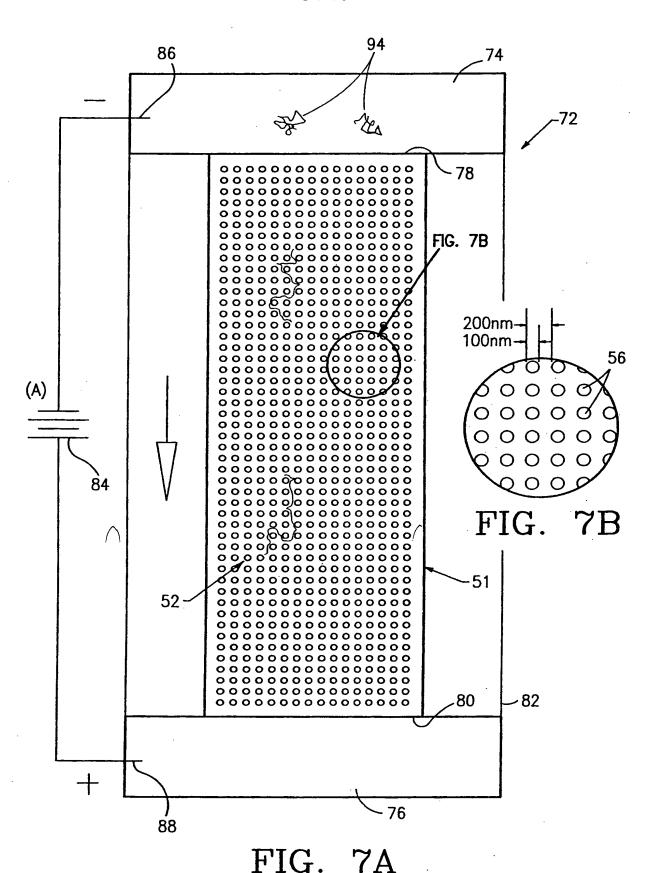
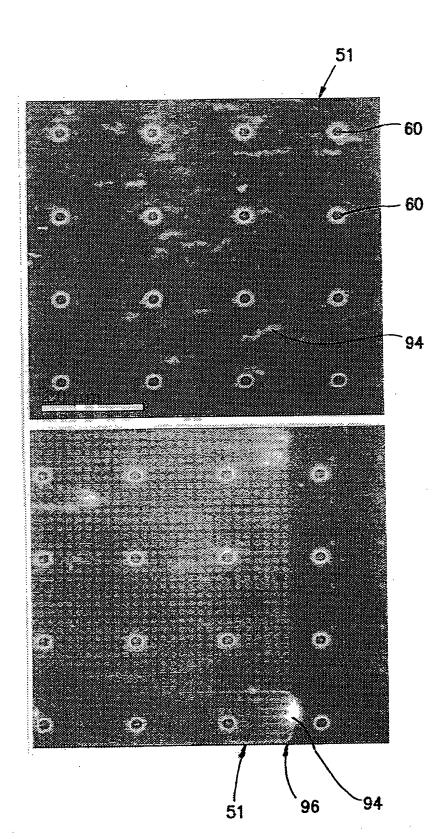
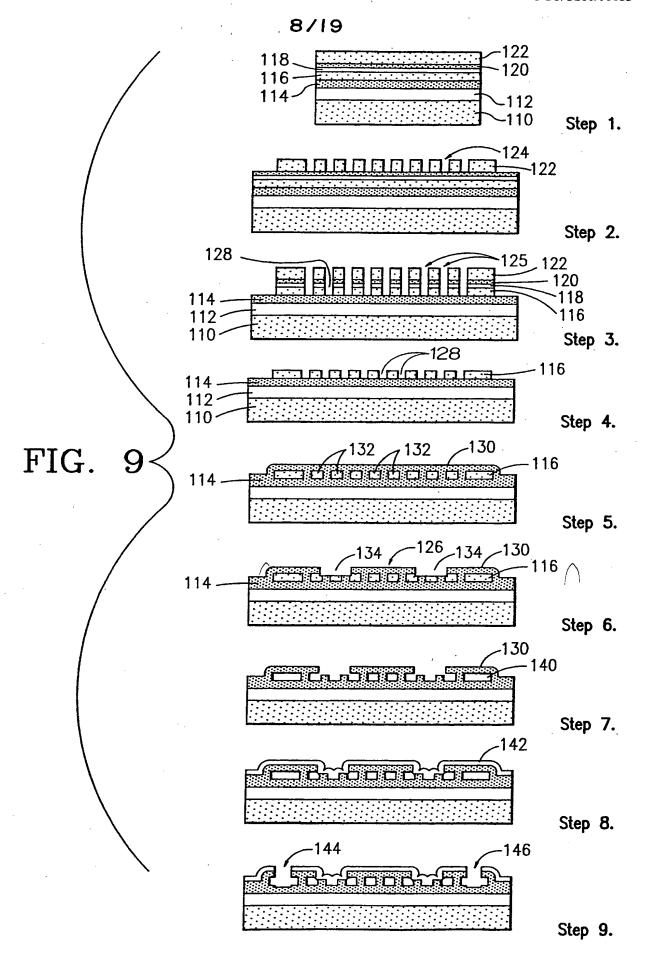


FIG. 8A

FIG. 8B





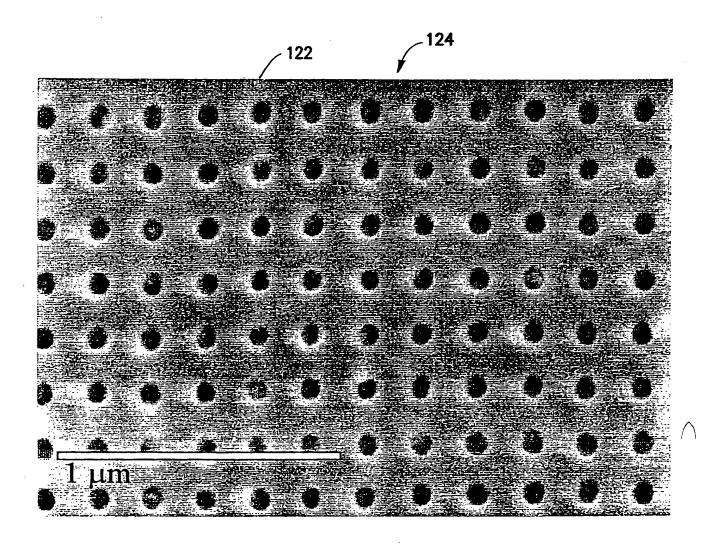


FIG. 10

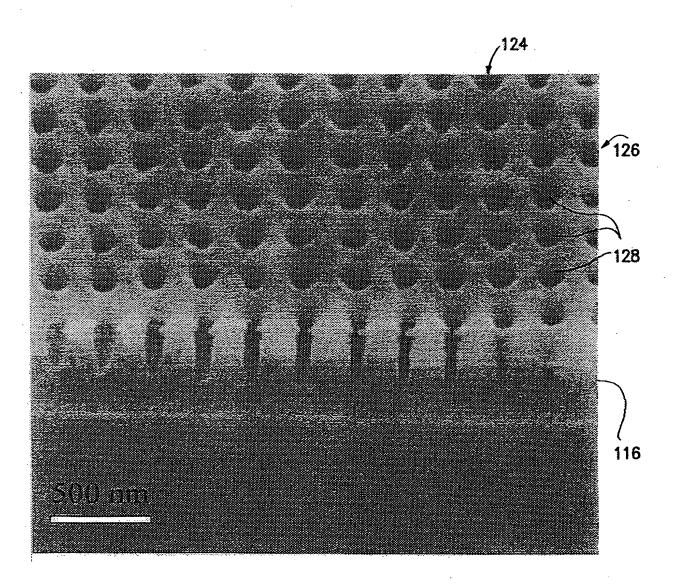


FIG. 11

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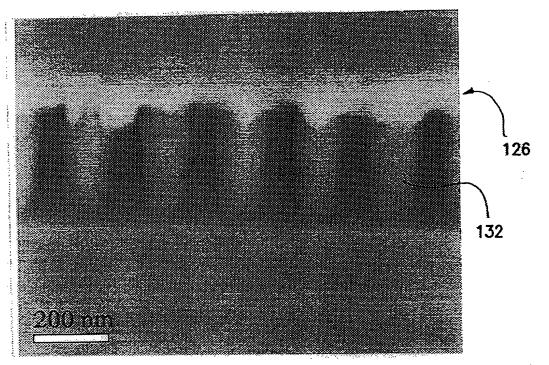


FIG. 12A

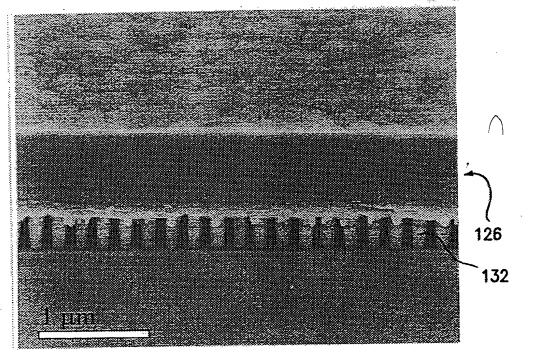
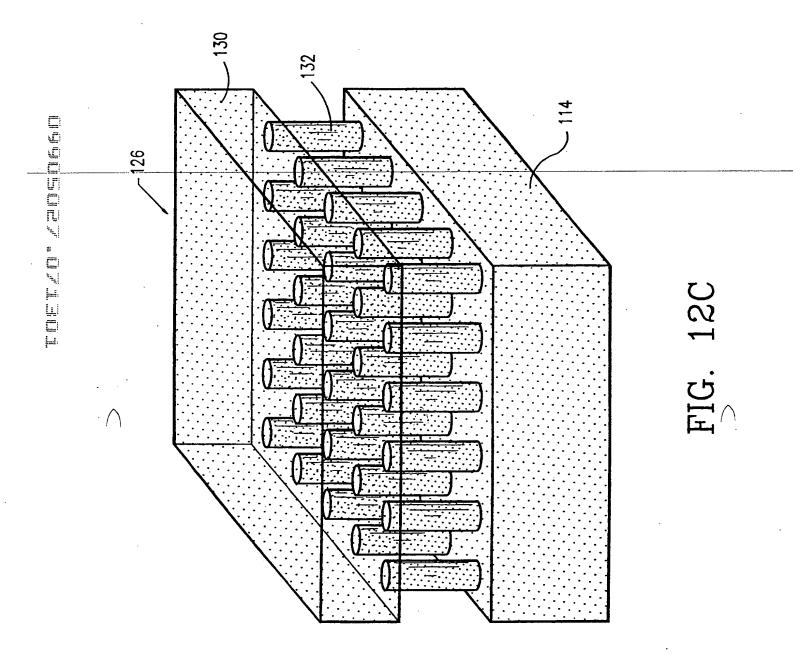


FIG. 12B



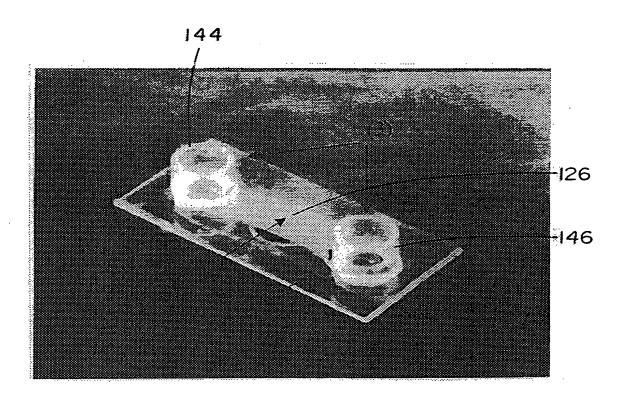
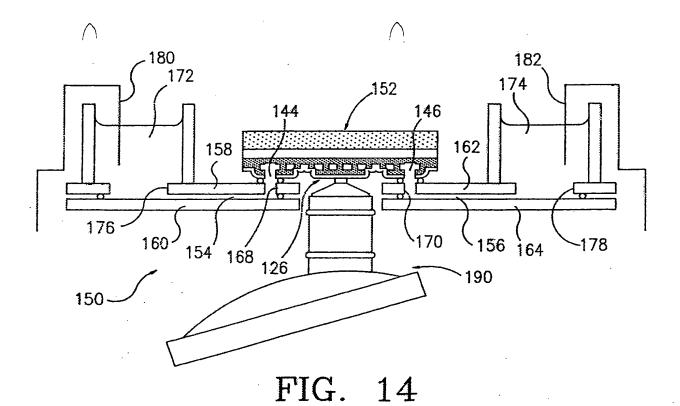


FIG. 13



DNA Velocity v.s. Applied Potential

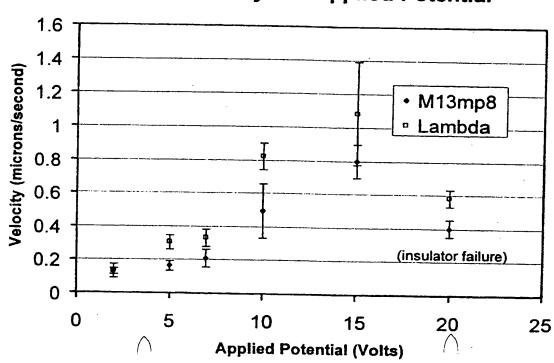
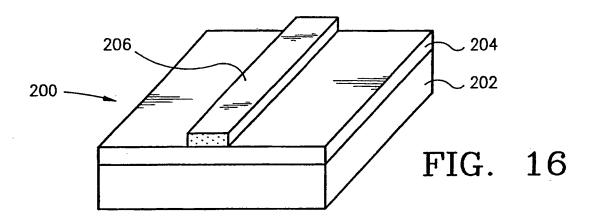
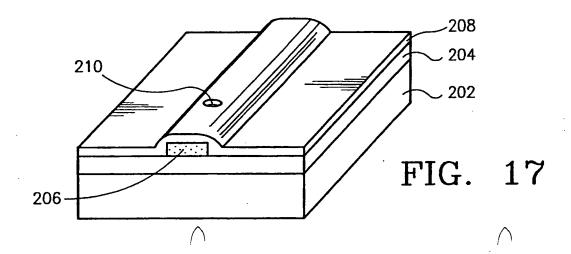
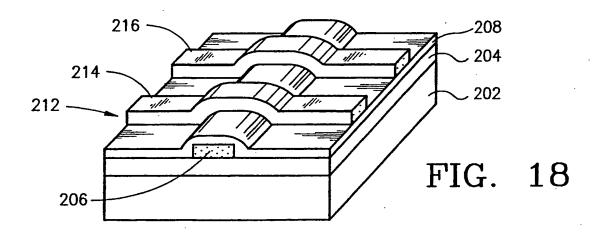


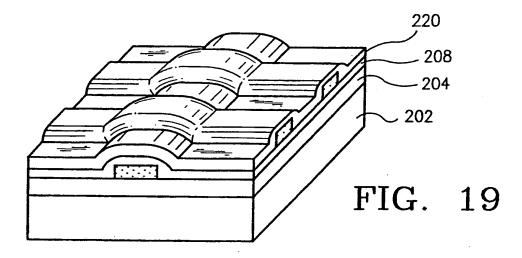
FIG. 15

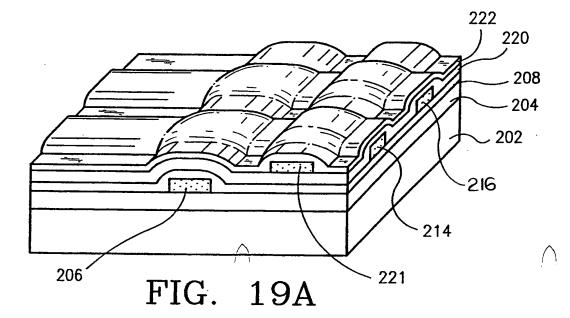


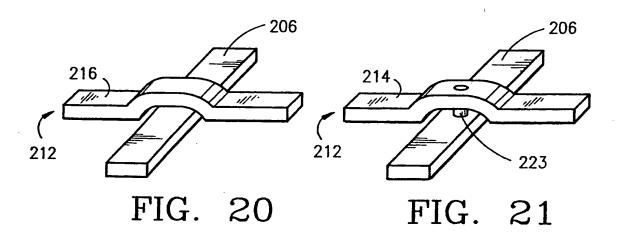




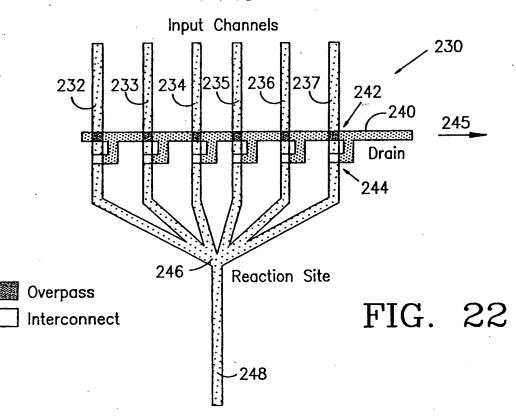


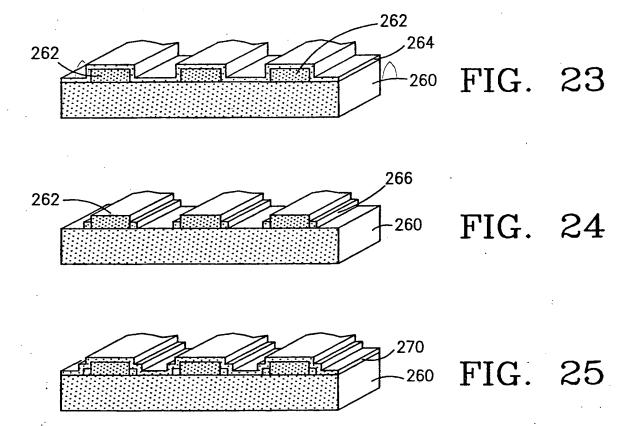


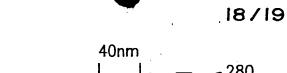




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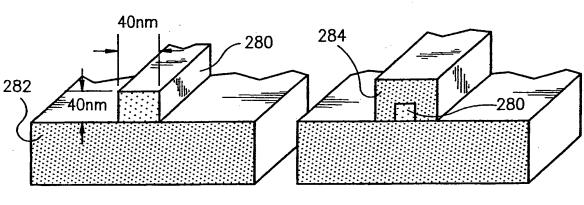
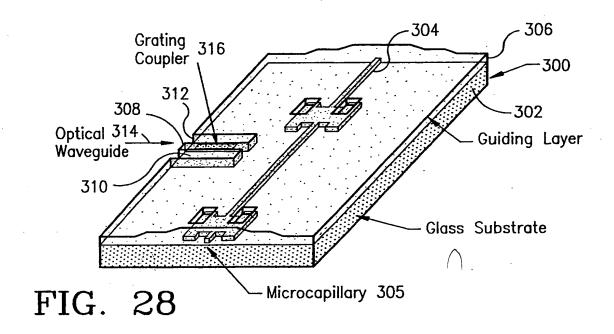


FIG. 26

FIG. 27



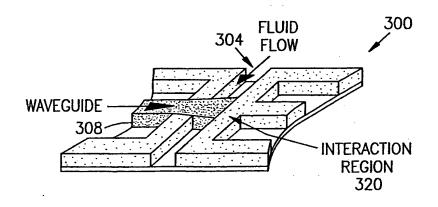


FIG. 29



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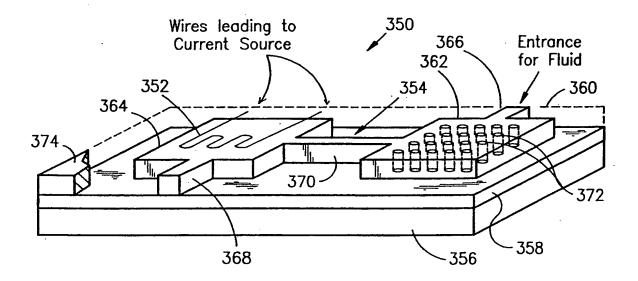


FIG. 30

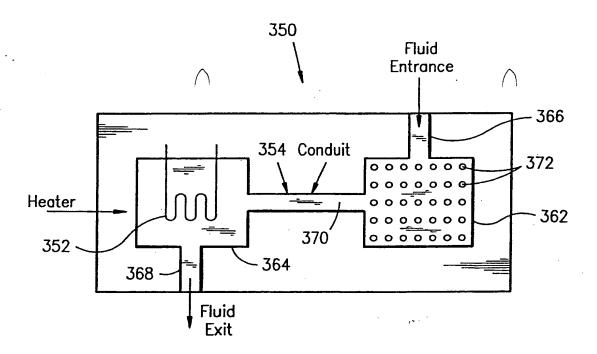


FIG. 31